

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
23 December 2004 (23.12.2004)

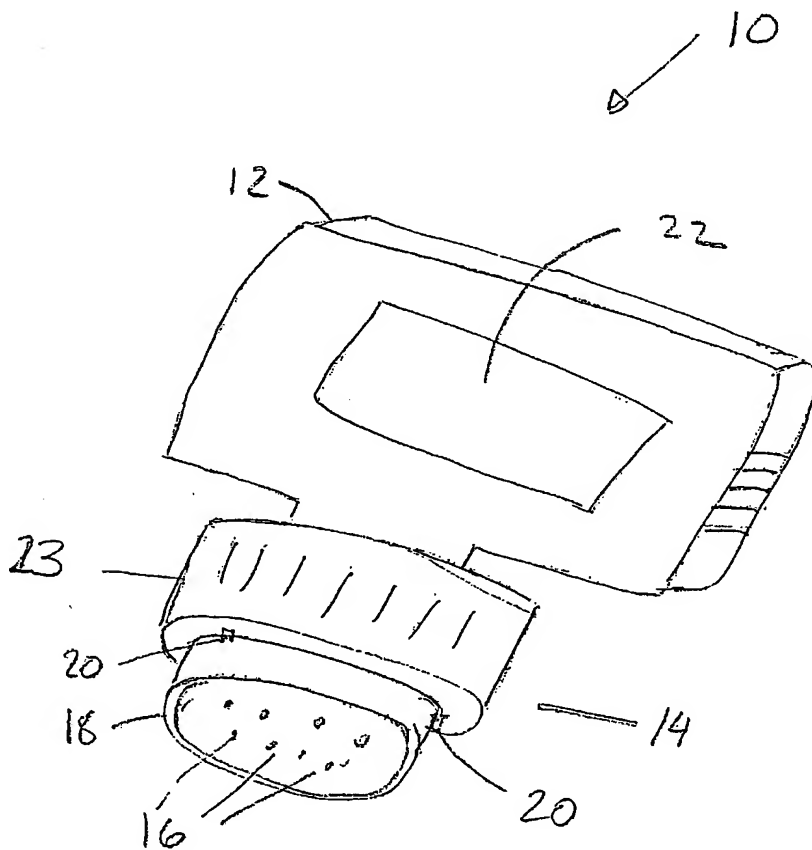
PCT

(10) International Publication Number
WO 2004/111567 A2

- (51) International Patent Classification⁷: **F42B** (74) Agent: **FRIEDMAN, Mark**; 7 Haomanim St., 67897 Tel Aviv (IL).
- (21) International Application Number: **PCT/IL2004/000509** (81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: **9 June 2004 (09.06.2004)**
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data: **156468** **16 June 2003 (16.06.2003)** **IL**
- (71) Applicant (*for all designated States except US*): **RAFAEL - ARMAMENT DEVELOPMENT AUTHORITY LTD.** [IL/IL]; P.O.Box 2250, 31021 Haifa (IL).
- (72) Inventor; and
- (75) Inventor/Applicant (*for US only*): **BLEIMAN, Jacob** [IL/IL]; 6 Hashayara, 26263 Kiryat Haim (IL).
- (84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

[Continued on next page]

(54) Title: **MISSION CARTRIDGE**



(57) Abstract: A mission cartridge and a weapon for attacking a target are disclosed. The mission cartridge, a memory unit associated with a connector element, contains information such as mission data. The connector element of the mission cartridge is mated to a matching connector element on the weapon body. Once mated, an on-board computer of the weapon uses information from the memory unit to attack the target or records flight data to the mission cartridge.